# The Risk Chain



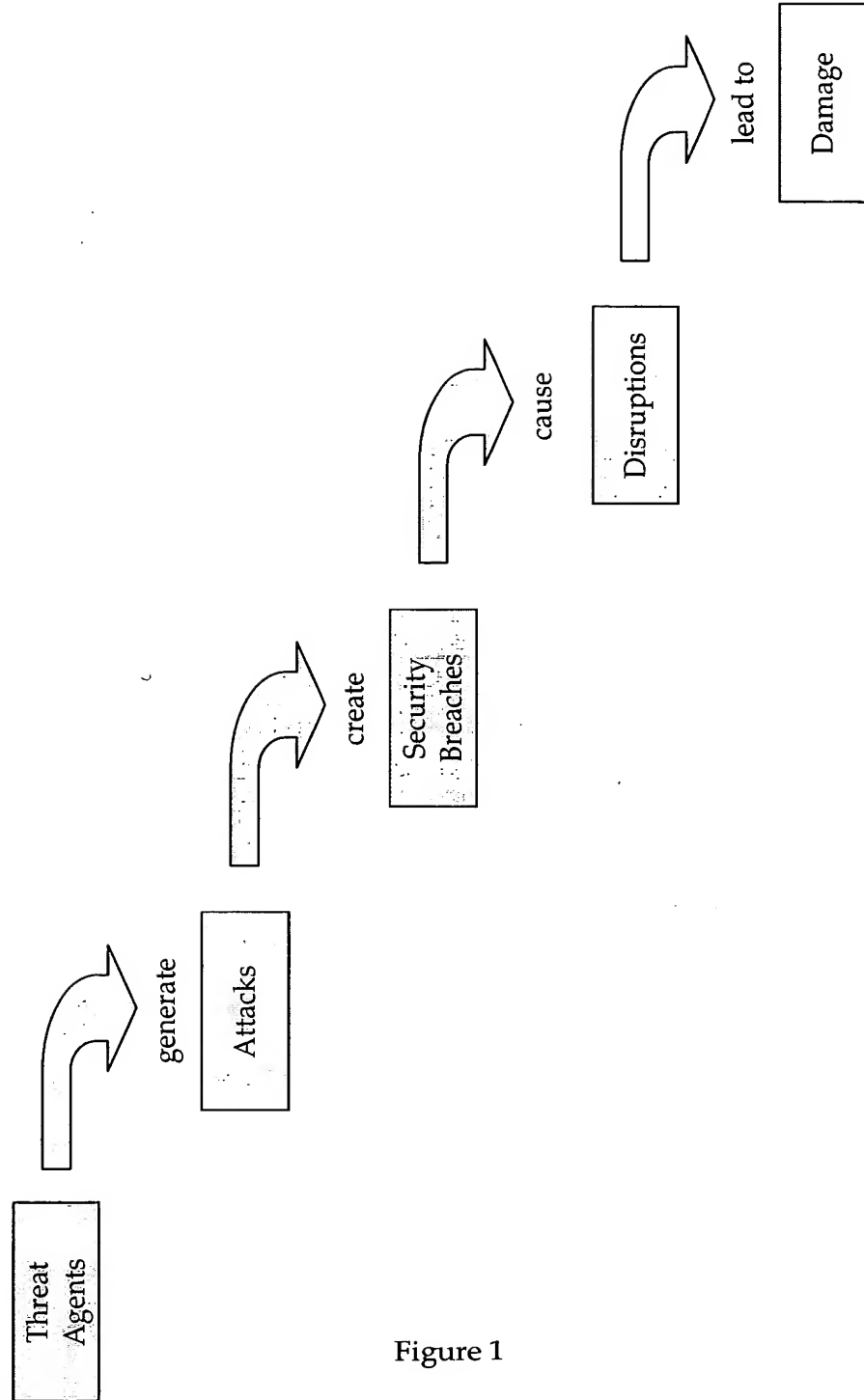Threat Agents → generate → Attacks → create → Security Breaches → cause → Disruptions → lead to → Damage

Figure 1

# Countermeasure Classification



Figure 2

Two
Overlapping
Threat
Environments
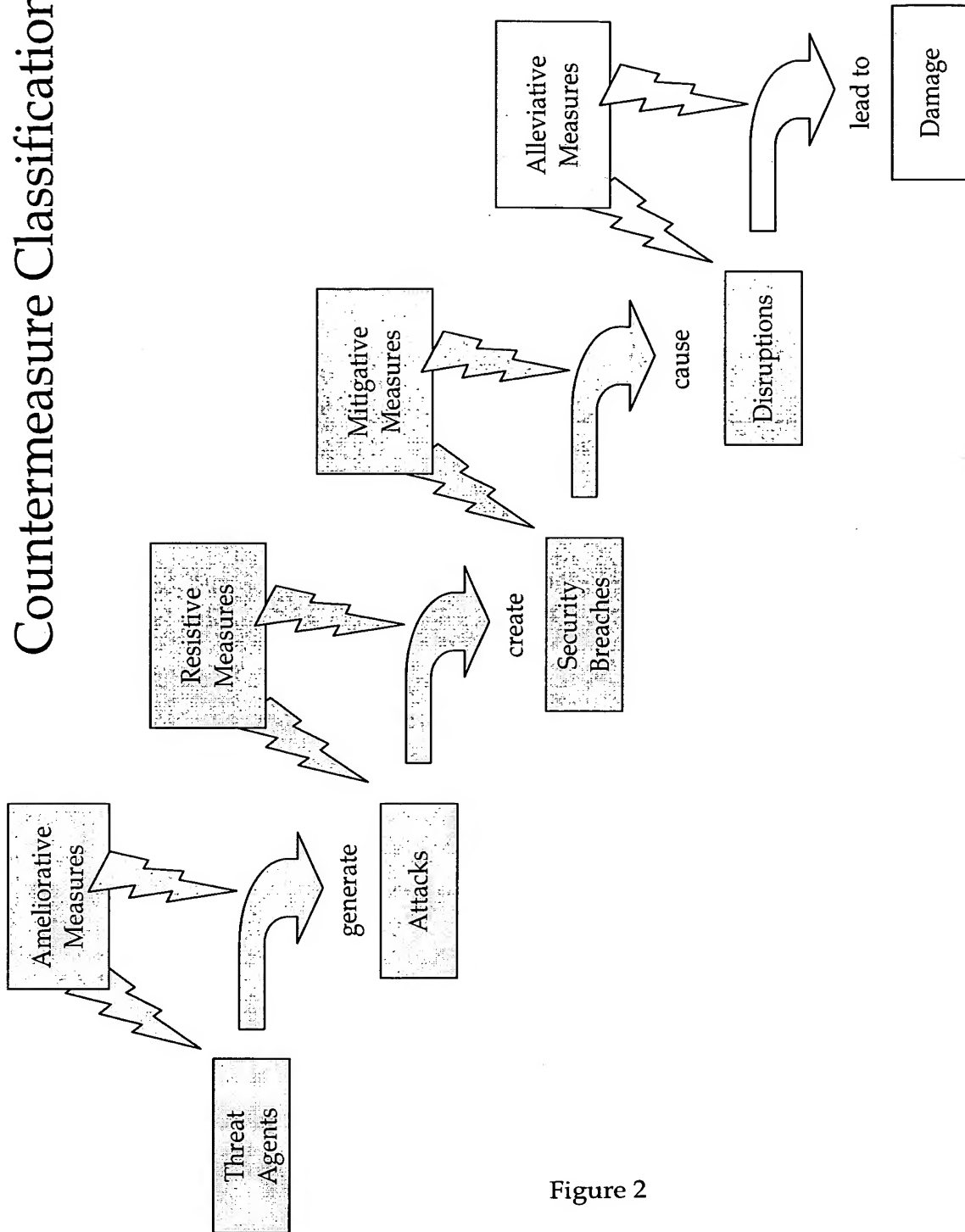
The Internet
Threat
Environment

The Local
Threat
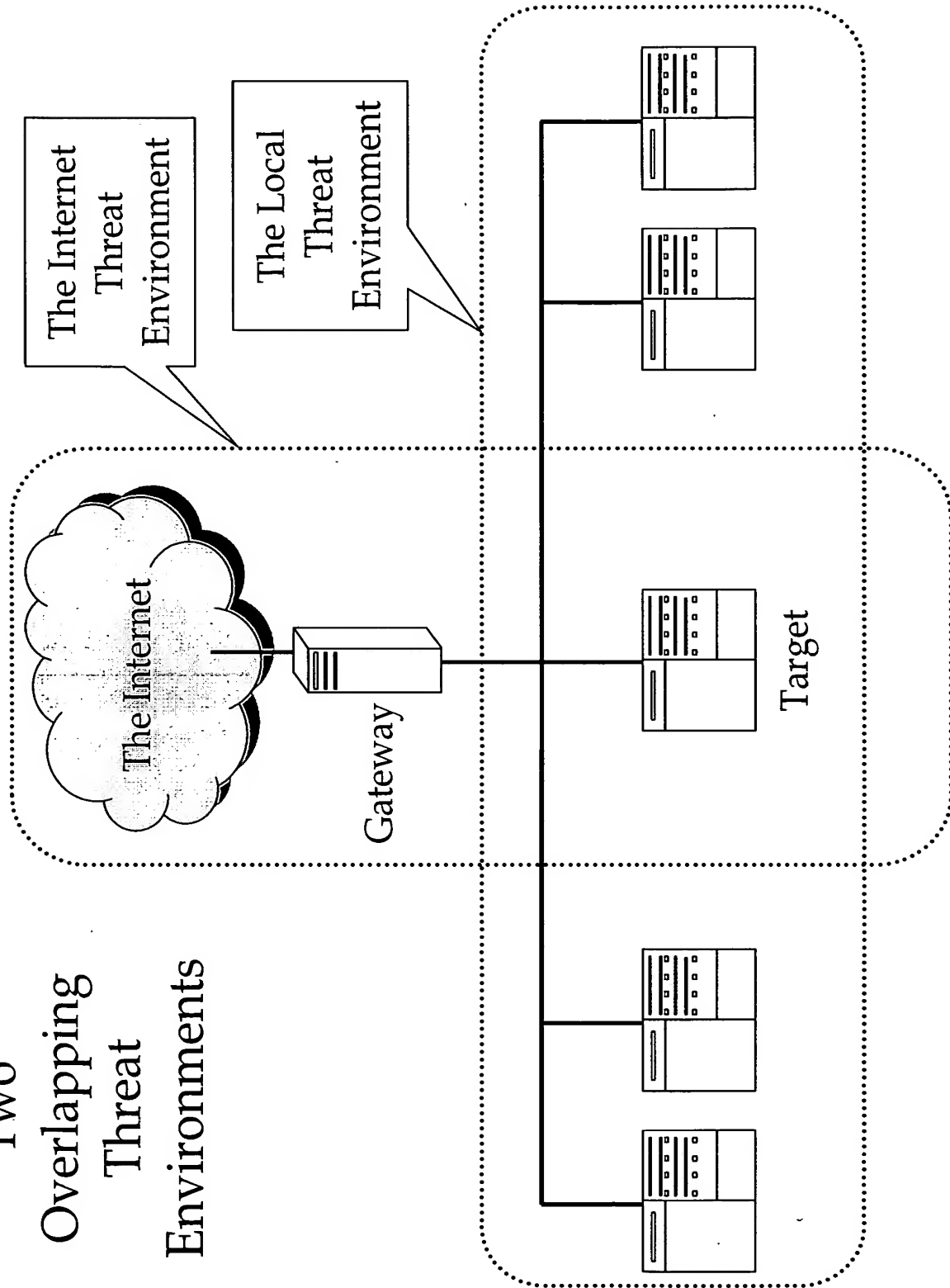Environment
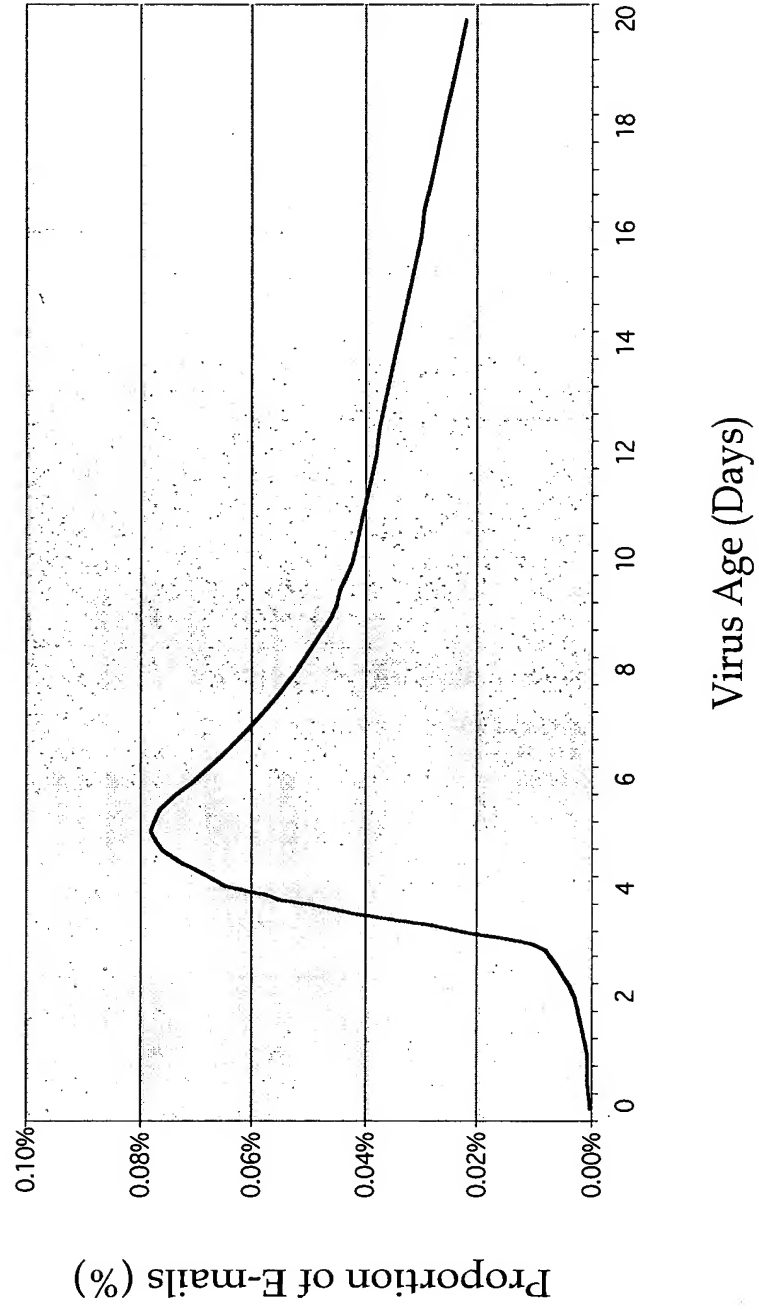
The Internet

Gateway

Target

Figure 3

The Virus Threat



Figure 4

Rate of Release of New Worms Exploiting the LSASS Vulnerability

Number Per Day
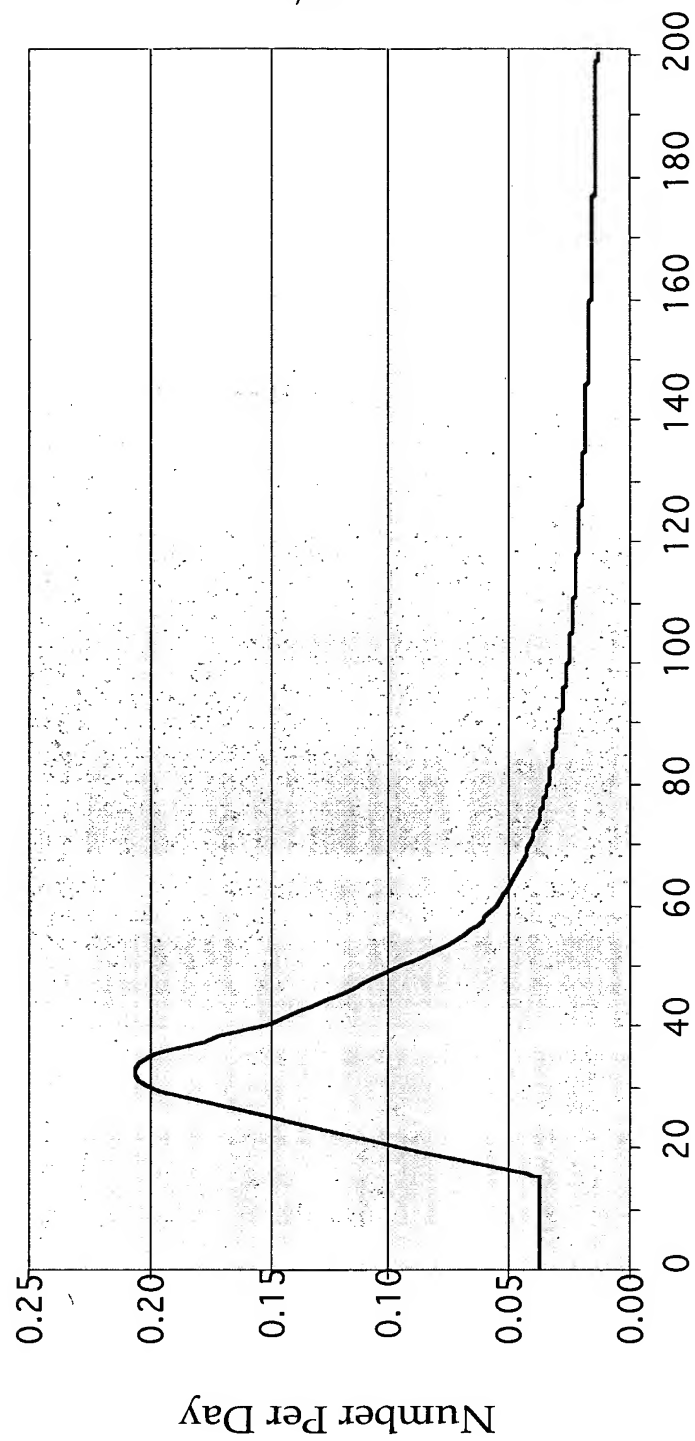
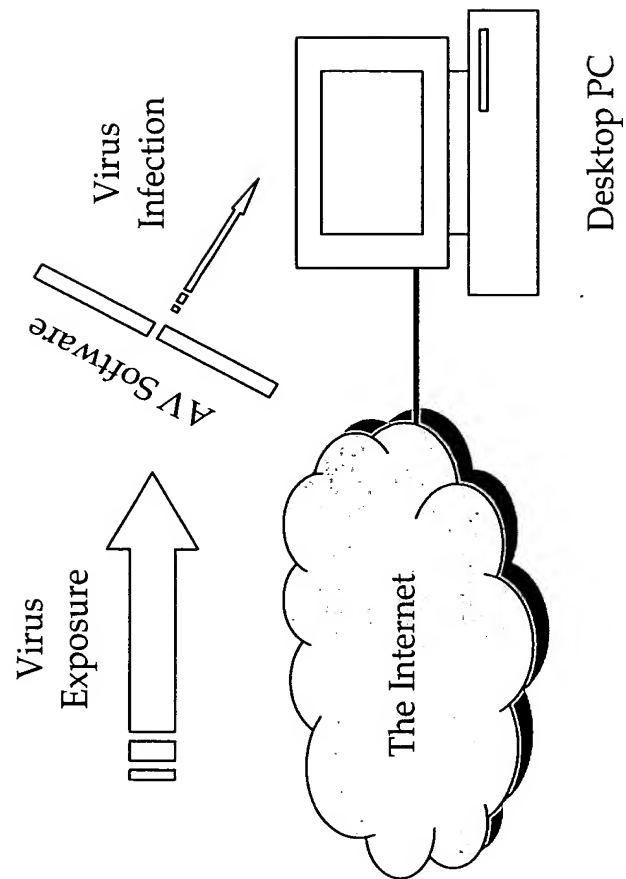Days Since the LSASS Vulnerability was Publicised

Figure 5

# The Scenario for Example 1

Virus Infection

AV Software

Virus Exposure

The Internet

Desktop PC

Figure 6

The Resistance Function for Example 1
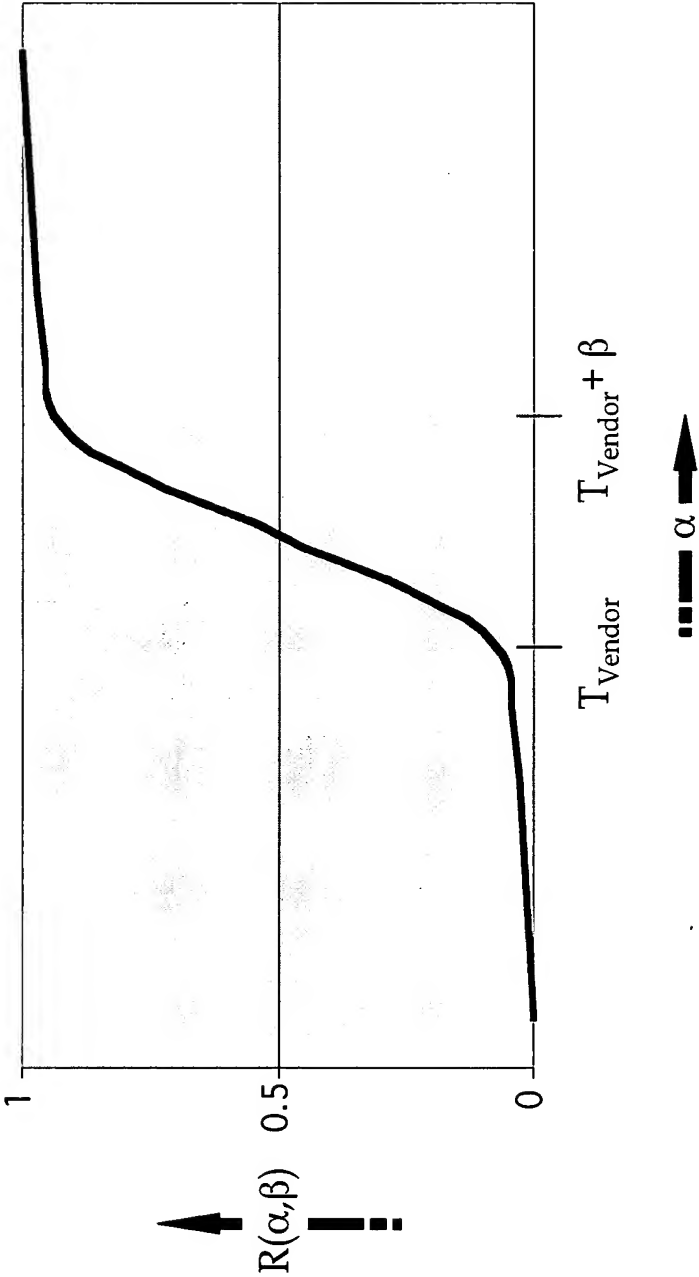


Figure 7

The Parent Threat Profile for Example 1
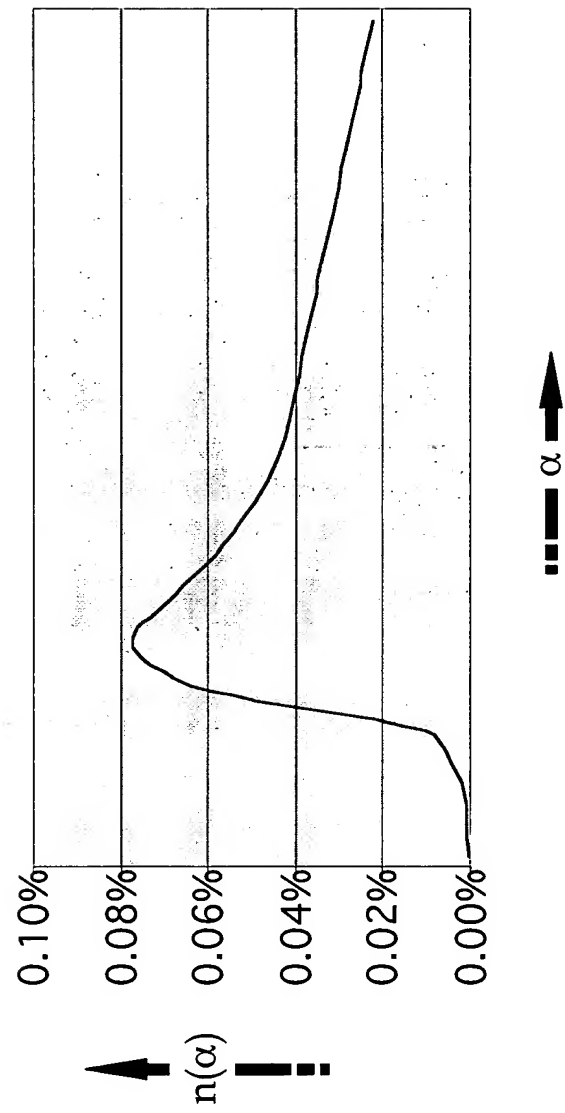


Figure 8

Figure 9

Figure 10

Probability of a criminal being prepared to commit a crime as a function of the (interval between their lawlessness and the) degree of criminality of the crime
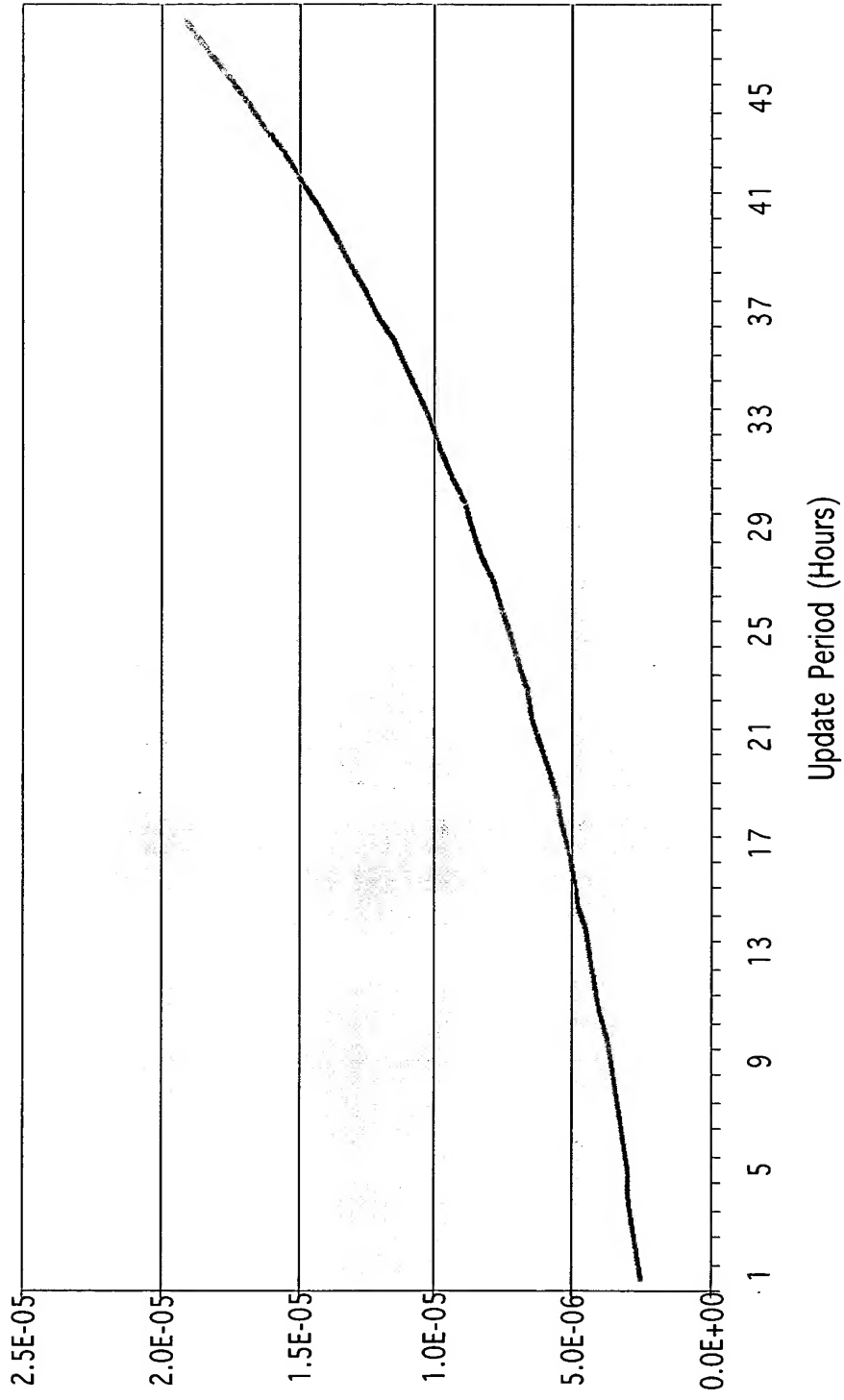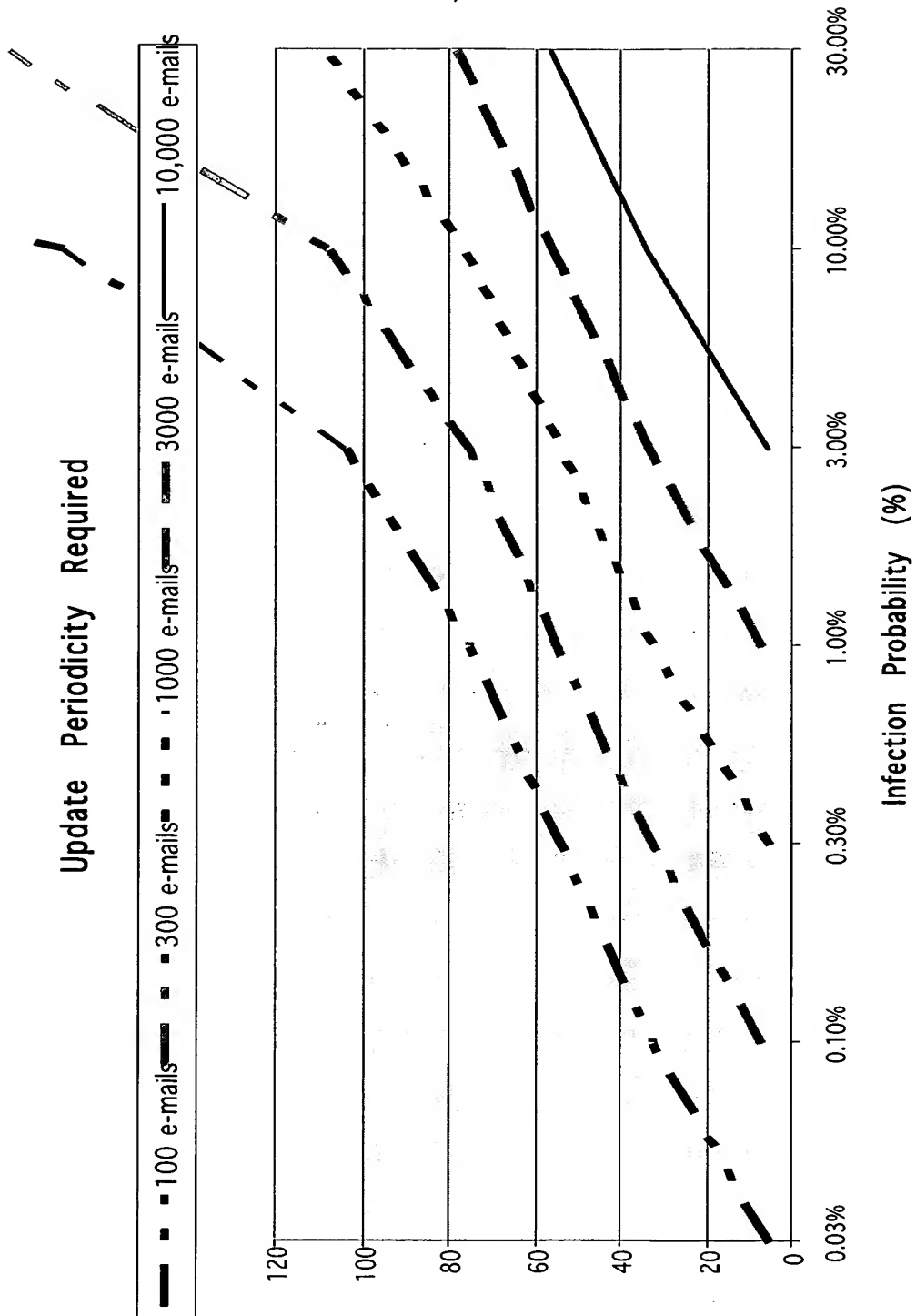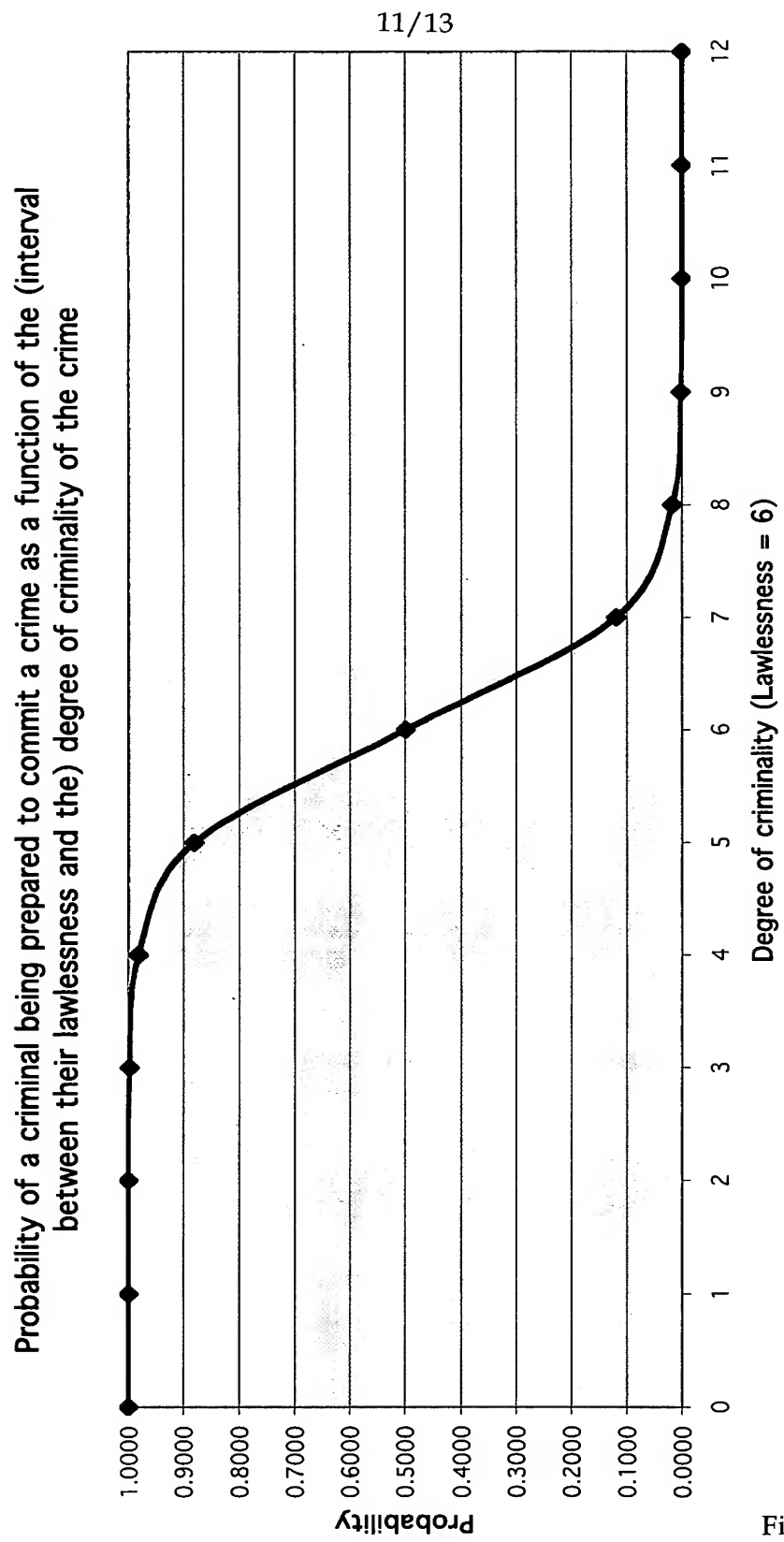
Figure 11

Probability of a Member of Staff passing Security Vetting as a Function of their Degree of Lawlessness (Threshold Value = 5)
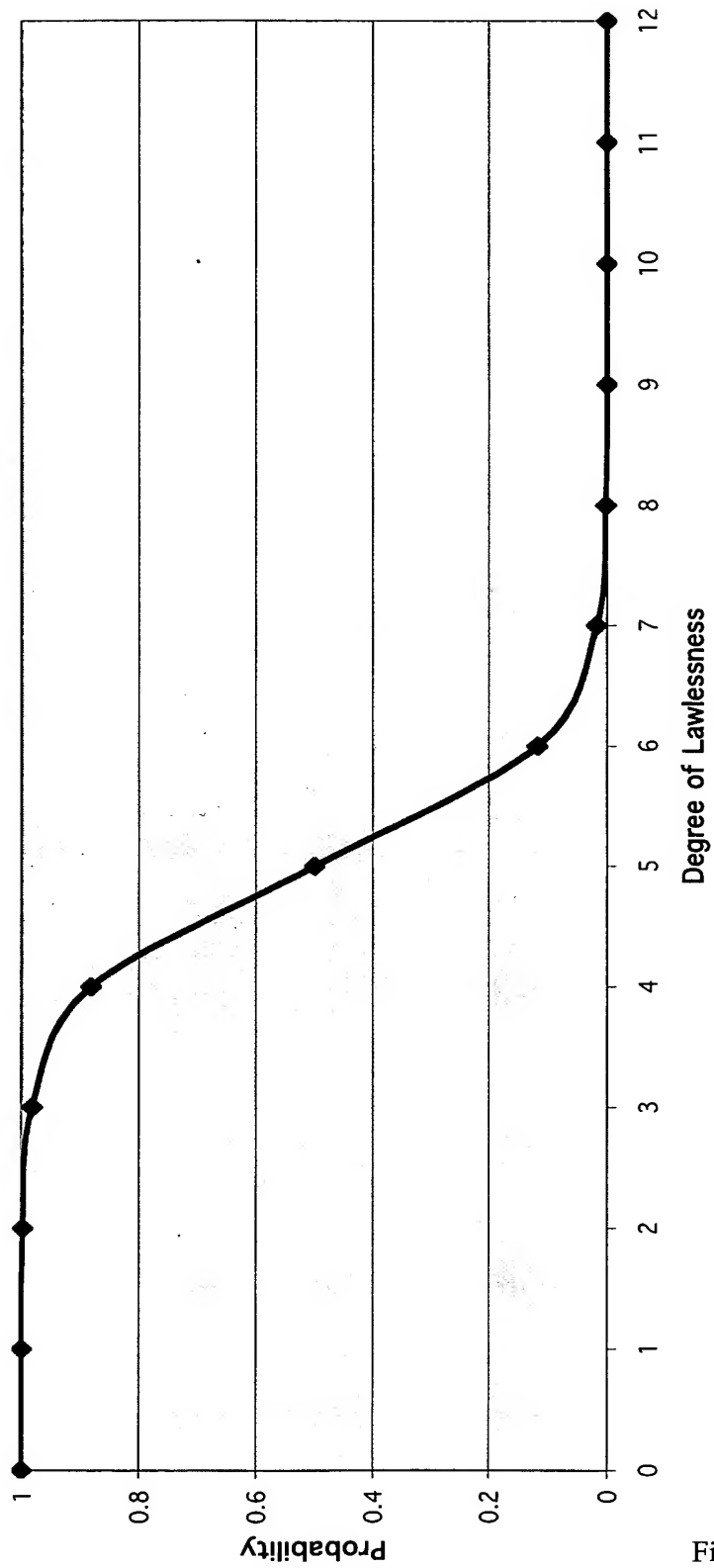
Figure 12

Percentage of the Staff Population with a Given Intrinsic Tendency Towards Lawbreaking
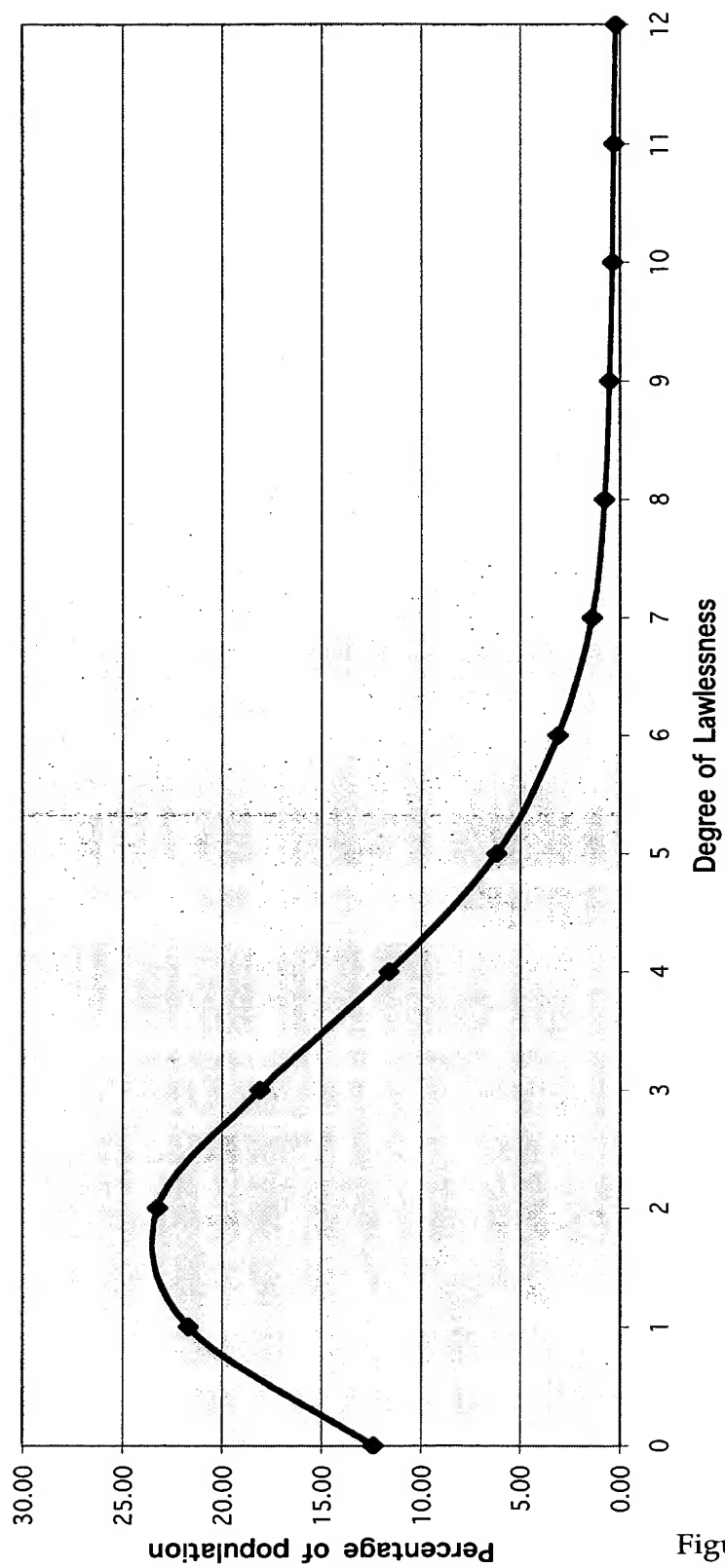


Figure 13